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ENVIRONMENTAL CONSULTANTS

January 2, 2008

Ashley Holt, P.G., Manager
State Remediation Program
Division of Solid Waste Management
Tennessee Department of Environment and Conservation
5th Floor, L&C Tower
401 Church Street
Nashville, Tennessee 37243-1535

**Re: Seep Monitoring Results – December 10, 2007, Event
Egyptian Lacquer Manufacturing Company
Franklin, Tennessee
TriAD Project No. 07-ELM02-01**

Dear Ms. Holt:

As required in the *Revised Plan for Collection and Analysis of Water Samples Related to Selected Seeps into Liberty Creek and the Harpeth River* (Plan), submitted to you on May 25, 2007, TriAD Environmental Consultants, Inc. (TriAD), on behalf of Egyptian Lacquer Manufacturing Company (ELMCO) and through its attorneys Stites and Harbison, PLLC, is submitting the analytical results of the tenth seep monitoring event. This report includes a table summarizing the analytical results and the laboratory reports of the analyses.

As called for in the Plan, samples were collected from three of the four seep monitoring points (LC-PC, LC-MS, and HR-2) on December 10, 2007. No sample was collected from location HR-3 because this location was dry. In addition, one sample was collected from Liberty Creek at a point upstream from LC-MS. Sample "Watergate" was collected from the downstream side of the watergate that prevents people from walking into the seep area from the upstream portions of the Driskell property. The Watergate sample was collected to allow further evaluation of the results obtained from analysis of a sample from this location during the November 9, 2007, sampling event. The sample collected in November reportedly contained toluene at 11 mg/L and Tetrachloroethene (PCE) at 0.053 mg/L. The goal of the December sampling at this location was to determine whether these, or other, volatile organic compounds (VOCs) were still present in creek water upstream of the main seep. (A sample collected upstream of the Watergate [at Driskell Crossing] on November 9 showed no detectable concentrations of VOCs.)

All samples were transferred under chain-of-custody procedures to Environmental Science Corporation (ESC) in Mount Juliet, Tennessee, where they were analyzed for VOCs by US EPA SW846 Method 8260B. The laboratory analytical results are summarized in the attached Table 1. A copy of the laboratory report is also attached. The results of the Watergate sample are discussed in following paragraphs. No constituents were reported in the trip blank during the sampling event.

The toluene concentration in sample LC-PC was 7.8 mg/L, which is the lowest concentration detected at this location since June 2007. Acetone was detected in this sample at a concentration of 3.0 mg/L, the lowest measured concentration at this location. No other VOCs were reported in this sample.

Toluene was detected in sample LC-MS at the lowest concentration to date (4.1 mg/L), with no detectable acetone at a detection limit of 1.2 mg/L. The sample collected at LC-MS contained no other detectable concentrations of VOCs, despite the detection limits being lower than any previous sampling event.

Also of interest is the continued lower concentration of acetone detected in the sample from HR-2 (620 mg/L). This is the fourth month in a row of acetone concentrations significantly lower than those detected during the May through August events. The toluene concentration at this location (160 mg/L) also remains significantly below the May through June time period. In fact, both toluene and acetone concentrations over the last four sampling events at HR-2 are roughly 60 to 70 percent less than the concentrations measured during the late spring and early summer. No other VOCs were reported in this sample.

The Watergate sample contained toluene at 4.2 mg/L, less than half that reported in the November sample. Neither PCE nor any other VOC was detected at this location.

Please contact us if you require additional information.

Sincerely,

TriAD Environmental Consultants, Inc.



Chris Scott, P.G.
Senior Hydrogeologist

Attachments (Table 1, lab report)

cc: Bill Penny, Stites and Harbison
Kerry Mattox, ELMCO

**Table 1: Summary of Analytical Results
Liberty Creek and Harpeth River Seeps
Results in mg/L**

Sampling Location	LC-PC		LC-MS ^a		HR-2		HR-3	
	Compound	Acetone	Toluene	Acetone	Toluene	Acetone	Toluene	Acetone
05/18/07	5.1	18	<12	54^E	1,700^E	360^E	150	82^E
05/24/07	18	12^E	<12	140	1,800	400	20	24
6/1/2007 ^b	5.1	0.72^E	51	760^E	3,700	450^E	<0.050 ^R	<0.0050 ^R
06/08/07	20	35^J	<50	330	1,900	470	92	55
07/09/07	18^E	35^E	<250	340	1,500	180^V	NS	NS
8/8/2007 ^c	NS	NS	<25	640	1,600	150	NS	NS
09/19/07	24	33	<10	32	780	130	NS	NS
10/15/2007 ^d	NS	NS	<120	260	890	250	NS	NS
11/09/2007 ^e	<12	24	<12	16	400	180	NS	NS
12/10/07	3.0	7.8	<1.2	4.1	620^{J6}	160^{J6}	NS	NS

Bold text indicates a detected parameter

Notes:

^a LC-MS samples on 5/18 and 5/24/07 were collected from downstream end of boom area;
later samples from point of seep

^b LC-PC sample collected 6/1/07 also contained 0.032 mg/L MEK

^c LC-MS sample collected 8/8/07 also contained 0.57 mg/L benzene

^d LC-MS sample collected 10/15/07 also contained 3.2 mg/L n-propylbenzene, 17 mg/L 1,2,4-trimethylbenzene,
3.1 mg/L 1,2,3-trimethylbenzene, and 2.9 mg/L 1,3,5-trimethylbenzene

^e LC-MS sample collected 11/9/07 also contained 0.27 mg/L cis-1,2-dichloroethylene

NS - Location not sampled, dry

Laboratory qualifiers:

^E Estimated result. Sample concentration exceeds the calibration range.

^J Matrix interference, spike value is high

^R Results rejected by Laboratory -- not valid

^V The sample concentration is too high to evaluate accurate spike recoveries.

^{J6} Martix Interference, spike value too low



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Chris Scott
TriAD Environmental Consultants
207 Donelson Pike Suite 200
Nashville, TN 37214

Report Summary

Friday December 21, 2007

Report Number: L323532

Samples Received: 12/12/07

Client Project: 07-ELM01-01

Description: ELMCO

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Terrie Fudge
Terrie Fudge, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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REPORT OF ANALYSIS

December 21, 2007

Chris Scott
TriAD Environmental Consultants
207 Donelson Pike Suite 200
Nashville, TN 37214

Date Received : December 12, 2007
Description : ELMCO
Sample ID : LC-PC
Collected By : Shane Parnell
Collection Date : 12/10/07 14:15

ESC Sample # : L323532-01
Site ID :
Project # : 07-ELM01-01

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	3.0	2.5	mg/l	8260B	12/19/07	50
Acrolein	BDL	2.5	mg/l	8260B	12/19/07	50
Acrylonitrile	BDL	0.50	mg/l	8260B	12/19/07	50
Benzene	BDL	0.050	mg/l	8260B	12/19/07	50
Bromobenzene	BDL	0.050	mg/l	8260B	12/19/07	50
Bromodichloromethane	BDL	0.050	mg/l	8260B	12/19/07	50
Bromoform	BDL	0.050	mg/l	8260B	12/19/07	50
Bromomethane	BDL	0.25	mg/l	8260B	12/19/07	50
n-Butylbenzene	BDL	0.050	mg/l	8260B	12/19/07	50
sec-Butylbenzene	BDL	0.050	mg/l	8260B	12/19/07	50
tert-Butylbenzene	BDL	0.050	mg/l	8260B	12/19/07	50
Carbon tetrachloride	BDL	0.050	mg/l	8260B	12/19/07	50
Chlorobenzene	BDL	0.050	mg/l	8260B	12/19/07	50
Chlorodibromomethane	BDL	0.050	mg/l	8260B	12/19/07	50
Chloroethane	BDL	0.25	mg/l	8260B	12/19/07	50
2-Chloroethyl vinyl ether	BDL	2.5	mg/l	8260B	12/19/07	50
Chloroform	BDL	0.25	mg/l	8260B	12/19/07	50
Chloromethane	BDL	0.12	mg/l	8260B	12/19/07	50
2-Chlorotoluene	BDL	0.050	mg/l	8260B	12/19/07	50
4-Chlorotoluene	BDL	0.050	mg/l	8260B	12/19/07	50
1,2-Dibromo-3-Chloropropane	BDL	0.25	mg/l	8260B	12/19/07	50
1,2-Dibromoethane	BDL	0.050	mg/l	8260B	12/19/07	50
Dibromomethane	BDL	0.050	mg/l	8260B	12/19/07	50
1,2-Dichlorobenzene	BDL	0.050	mg/l	8260B	12/19/07	50
1,3-Dichlorobenzene	BDL	0.050	mg/l	8260B	12/19/07	50
1,4-Dichlorobenzene	BDL	0.050	mg/l	8260B	12/19/07	50
Dichlorodifluoromethane	BDL	0.25	mg/l	8260B	12/19/07	50
1,1-Dichloroethane	BDL	0.050	mg/l	8260B	12/19/07	50
1,2-Dichloroethane	BDL	0.050	mg/l	8260B	12/19/07	50
1,1-Dichloroethene	BDL	0.050	mg/l	8260B	12/19/07	50
cis-1,2-Dichloroethene	BDL	0.050	mg/l	8260B	12/19/07	50
trans-1,2-Dichloroethene	BDL	0.050	mg/l	8260B	12/19/07	50
1,2-Dichloropropane	BDL	0.050	mg/l	8260B	12/19/07	50
1,1-Dichloropropene	BDL	0.050	mg/l	8260B	12/19/07	50
1,3-Dichloropropane	BDL	0.050	mg/l	8260B	12/19/07	50
cis-1,3-Dichloropropene	BDL	0.050	mg/l	8260B	12/19/07	50
trans-1,3-Dichloropropene	BDL	0.050	mg/l	8260B	12/19/07	50
2,2-Dichloropropane	BDL	0.050	mg/l	8260B	12/19/07	50
Di-isopropyl ether	BDL	0.050	mg/l	8260B	12/19/07	50
Ethylbenzene	BDL	0.050	mg/l	8260B	12/19/07	50
Hexachlorobutadiene	BDL	0.050	mg/l	8260B	12/19/07	50
Isopropylbenzene	BDL	0.050	mg/l	8260B	12/19/07	50
p-Isopropyltoluene	BDL	0.050	mg/l	8260B	12/19/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

L323532-01 (V8260) - Target compounds too high to run at a lower dilution.



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REPORT OF ANALYSIS

December 21, 2007

Chris Scott
TriAD Environmental Consultants
207 Donelson Pike Suite 200
Nashville, TN 37214

Date Received : December 12, 2007
Description : ELMCO
Sample ID : LC-PC
Collected By : Shane Parnell
Collection Date : 12/10/07 14:15

ESC Sample # : L323532-01
Site ID :
Project # : 07-ELM01-01

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.50	mg/l	8260B	12/19/07	50
Methylene Chloride	BDL	0.25	mg/l	8260B	12/19/07	50
4-Methyl-2-pentanone (MIBK)	BDL	0.50	mg/l	8260B	12/19/07	50
Methyl tert-butyl ether	BDL	0.050	mg/l	8260B	12/19/07	50
Naphthalene	BDL	0.25	mg/l	8260B	12/19/07	50
n-Propylbenzene	BDL	0.050	mg/l	8260B	12/19/07	50
Styrene	BDL	0.050	mg/l	8260B	12/19/07	50
1,1,1,2-Tetrachloroethane	BDL	0.050	mg/l	8260B	12/19/07	50
1,1,2,2-Tetrachloroethane	BDL	0.050	mg/l	8260B	12/19/07	50
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.050	mg/l	8260B	12/19/07	50
Tetrachloroethene	BDL	0.050	mg/l	8260B	12/19/07	50
Toluene	7.8	0.25	mg/l	8260B	12/19/07	50
1,2,3-Trichlorobenzene	BDL	0.050	mg/l	8260B	12/19/07	50
1,2,4-Trichlorobenzene	BDL	0.050	mg/l	8260B	12/19/07	50
1,1,1-Trichloroethane	BDL	0.050	mg/l	8260B	12/19/07	50
1,1,2-Trichloroethane	BDL	0.050	mg/l	8260B	12/19/07	50
Trichloroethene	BDL	0.050	mg/l	8260B	12/19/07	50
Trichlorofluoromethane	BDL	0.25	mg/l	8260B	12/19/07	50
1,2,3-Trichloropropane	BDL	0.050	mg/l	8260B	12/19/07	50
1,2,4-Trimethylbenzene	BDL	0.050	mg/l	8260B	12/19/07	50
1,2,3-Trimethylbenzene	BDL	0.050	mg/l	8260B	12/19/07	50
1,3,5-Trimethylbenzene	BDL	0.050	mg/l	8260B	12/19/07	50
Vinyl chloride	BDL	0.050	mg/l	8260B	12/19/07	50
Xylenes, Total	BDL	0.15	mg/l	8260B	12/19/07	50
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	12/19/07	50
Dibromofluoromethane	107.		% Rec.	8260B	12/19/07	50
4-Bromofluorobenzene	100.		% Rec.	8260B	12/19/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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L323532-01 (V8260) - Target compounds too high to run at a lower dilution.



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REPORT OF ANALYSIS

Chris Scott
TriAD Environmental Consultants
207 Donelson Pike Suite 200
Nashville, TN 37214

December 21, 2007

Date Received : December 12, 2007
Description : ELMCO
Sample ID : LC-MS
Collected By : Shane Parnell
Collection Date : 12/10/07 13:20

ESC Sample # : L323532-02

Site ID :

Project # : 07-ELM01-01

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	1.2	mg/l	8260B	12/19/07	25
Acrolein	BDL	1.2	mg/l	8260B	12/19/07	25
Acrylonitrile	BDL	0.25	mg/l	8260B	12/19/07	25
Benzene	BDL	0.025	mg/l	8260B	12/19/07	25
Bromobenzene	BDL	0.025	mg/l	8260B	12/19/07	25
Bromodichloromethane	BDL	0.025	mg/l	8260B	12/19/07	25
Bromoform	BDL	0.025	mg/l	8260B	12/19/07	25
Bromomethane	BDL	0.12	mg/l	8260B	12/19/07	25
n-Butylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
sec-Butylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
tert-Butylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
Carbon tetrachloride	BDL	0.025	mg/l	8260B	12/19/07	25
Chlorobenzene	BDL	0.025	mg/l	8260B	12/19/07	25
Chlorodibromomethane	BDL	0.025	mg/l	8260B	12/19/07	25
Chloroethane	BDL	0.12	mg/l	8260B	12/19/07	25
2-Chloroethyl vinyl ether	BDL	1.2	mg/l	8260B	12/19/07	25
Chloroform	BDL	0.12	mg/l	8260B	12/19/07	25
Chloromethane	BDL	0.062	mg/l	8260B	12/19/07	25
2-Chlorotoluene	BDL	0.025	mg/l	8260B	12/19/07	25
4-Chlorotoluene	BDL	0.025	mg/l	8260B	12/19/07	25
1,2-Dibromo-3-Chloropropane	BDL	0.12	mg/l	8260B	12/19/07	25
1,2-Dibromoethane	BDL	0.025	mg/l	8260B	12/19/07	25
Dibromomethane	BDL	0.025	mg/l	8260B	12/19/07	25
1,2-Dichlorobenzene	BDL	0.025	mg/l	8260B	12/19/07	25
1,3-Dichlorobenzene	BDL	0.025	mg/l	8260B	12/19/07	25
1,4-Dichlorobenzene	BDL	0.025	mg/l	8260B	12/19/07	25
Dichlorodifluoromethane	BDL	0.12	mg/l	8260B	12/19/07	25
1,1-Dichloroethane	BDL	0.025	mg/l	8260B	12/19/07	25
1,2-Dichloroethane	BDL	0.025	mg/l	8260B	12/19/07	25
1,1-Dichloroethene	BDL	0.025	mg/l	8260B	12/19/07	25
cis-1,2-Dichloroethene	BDL	0.025	mg/l	8260B	12/19/07	25
trans-1,2-Dichloroethene	BDL	0.025	mg/l	8260B	12/19/07	25
1,2-Dichloropropane	BDL	0.025	mg/l	8260B	12/19/07	25
1,1-Dichloropropene	BDL	0.025	mg/l	8260B	12/19/07	25
1,3-Dichloropropane	BDL	0.025	mg/l	8260B	12/19/07	25
cis-1,3-Dichloropropene	BDL	0.025	mg/l	8260B	12/19/07	25
trans-1,3-Dichloropropene	BDL	0.025	mg/l	8260B	12/19/07	25
2,2-Dichloropropane	BDL	0.025	mg/l	8260B	12/19/07	25
Di-isopropyl ether	BDL	0.025	mg/l	8260B	12/19/07	25
Ethylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
Hexachlorobutadiene	BDL	0.025	mg/l	8260B	12/19/07	25
Isopropylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
p-Isopropyltoluene	BDL	0.025	mg/l	8260B	12/19/07	25

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

L323532-02 (v8260) - Target compounds too high to run at a lower dilution.



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REPORT OF ANALYSIS

December 21, 2007

Chris Scott
TriAD Environmental Consultants
207 Donelson Pike Suite 200
Nashville, TN 37214

Date Received : December 12, 2007
Description : ELMCO

ESC Sample # : L323532-02

Sample ID : LC-MS

Site ID :

Collected By : Shane Parnell
Collection Date : 12/10/07 13:20

Project # : 07-ELM01-01

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.25	mg/l	8260B	12/19/07	25
Methylene Chloride	BDL	0.12	mg/l	8260B	12/19/07	25
4-Methyl-2-pentanone (MIBK)	BDL	0.25	mg/l	8260B	12/19/07	25
Methyl tert-butyl ether	BDL	0.025	mg/l	8260B	12/19/07	25
Naphthalene	BDL	0.12	mg/l	8260B	12/19/07	25
n-Propylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
Styrene	BDL	0.025	mg/l	8260B	12/19/07	25
1,1,1,2-Tetrachloroethane	BDL	0.025	mg/l	8260B	12/19/07	25
1,1,2,2-Tetrachloroethane	BDL	0.025	mg/l	8260B	12/19/07	25
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.025	mg/l	8260B	12/19/07	25
Tetrachloroethene	BDL	0.025	mg/l	8260B	12/19/07	25
Toluene	4.1	0.12	mg/l	8260B	12/19/07	25
1,2,3-Trichlorobenzene	BDL	0.025	mg/l	8260B	12/19/07	25
1,2,4-Trichlorobenzene	BDL	0.025	mg/l	8260B	12/19/07	25
1,1,1-Trichloroethane	BDL	0.025	mg/l	8260B	12/19/07	25
1,1,2-Trichloroethane	BDL	0.025	mg/l	8260B	12/19/07	25
Trichloroethene	BDL	0.025	mg/l	8260B	12/19/07	25
Trichlorofluoromethane	BDL	0.12	mg/l	8260B	12/19/07	25
1,2,3-Trichloropropane	BDL	0.025	mg/l	8260B	12/19/07	25
1,2,4-Trimethylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
1,2,3-Trimethylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
1,3,5-Trimethylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
Vinyl chloride	BDL	0.025	mg/l	8260B	12/19/07	25
Xylenes, Total	BDL	0.075	mg/l	8260B	12/19/07	25
Surrogate Recovery						
Toluene-d8	107.		% Rec.	8260B	12/19/07	25
Dibromofluoromethane	108.		% Rec.	8260B	12/19/07	25
4-Bromofluorobenzene	98.7		% Rec.	8260B	12/19/07	25

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 12/20/07 18:09 Revised: 12/21/07 10:02

L323532-02 (V8260) - Target compounds too high to run at a lower dilution.



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REPORT OF ANALYSIS

December 21, 2007

Chris Scott
TriAD Environmental Consultants
207 Donelson Pike Suite 200
Nashville, TN 37214

Date Received : December 12, 2007
Description : ELMCO

ESC Sample # : L323532-03

Sample ID : HR-2

Site ID :

Collected By : Shane Parnell
Collection Date : 12/10/07 13:56

Project # : 07-ELM01-01

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	620	50.	mg/l	8260B	12/20/07	1000
Acrolein	BDL	50.	mg/l	8260B	12/20/07	1000
Acrylonitrile	BDL	10.	mg/l	8260B	12/20/07	1000
Benzene	BDL	1.0	mg/l	8260B	12/20/07	1000
Bromobenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
Bromodichloromethane	BDL	1.0	mg/l	8260B	12/20/07	1000
Bromoform	BDL	1.0	mg/l	8260B	12/20/07	1000
Bromomethane	BDL	5.0	mg/l	8260B	12/20/07	1000
n-Butylbenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
sec-Butylbenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
tert-Butylbenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
Carbon tetrachloride	BDL	1.0	mg/l	8260B	12/20/07	1000
Chlorobenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
Chlorodibromomethane	BDL	1.0	mg/l	8260B	12/20/07	1000
Chloroethane	BDL	5.0	mg/l	8260B	12/20/07	1000
2-Chloroethyl vinyl ether	BDL	50.	mg/l	8260B	12/20/07	1000
Chloroform	BDL	5.0	mg/l	8260B	12/20/07	1000
Chloromethane	BDL	2.5	mg/l	8260B	12/20/07	1000
2-Chlorotoluene	BDL	1.0	mg/l	8260B	12/20/07	1000
4-Chlorotoluene	BDL	1.0	mg/l	8260B	12/20/07	1000
1,2-Dibromo-3-Chloropropane	BDL	5.0	mg/l	8260B	12/20/07	1000
1,2-Dibromoethane	BDL	1.0	mg/l	8260B	12/20/07	1000
Dibromomethane	BDL	1.0	mg/l	8260B	12/20/07	1000
1,2-Dichlorobenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
1,3-Dichlorobenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
1,4-Dichlorobenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
Dichlorodifluoromethane	BDL	5.0	mg/l	8260B	12/20/07	1000
1,1-Dichloroethane	BDL	1.0	mg/l	8260B	12/20/07	1000
1,2-Dichloroethane	BDL	1.0	mg/l	8260B	12/20/07	1000
1,1-Dichloroethene	BDL	1.0	mg/l	8260B	12/20/07	1000
cis-1,2-Dichloroethene	BDL	1.0	mg/l	8260B	12/20/07	1000
trans-1,2-Dichloroethene	BDL	1.0	mg/l	8260B	12/20/07	1000
1,2-Dichloropropane	BDL	1.0	mg/l	8260B	12/20/07	1000
1,1-Dichloropropene	BDL	1.0	mg/l	8260B	12/20/07	1000
1,3-Dichloropropane	BDL	1.0	mg/l	8260B	12/20/07	1000
cis-1,3-Dichloropropene	BDL	1.0	mg/l	8260B	12/20/07	1000
trans-1,3-Dichloropropene	BDL	1.0	mg/l	8260B	12/20/07	1000
2,2-Dichloropropane	BDL	1.0	mg/l	8260B	12/20/07	1000
Di-isopropyl ether	BDL	1.0	mg/l	8260B	12/20/07	1000
Ethylbenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
Hexachlorobutadiene	BDL	1.0	mg/l	8260B	12/20/07	1000
Isopropylbenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
p-Isopropyltoluene	BDL	1.0	mg/l	8260B	12/20/07	1000

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

L323532-03 (V8260) - Target compounds too high to run at a lower dilution.



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Est. 1970

REPORT OF ANALYSIS

December 21, 2007

Chris Scott
TriAD Environmental Consultants
207 Donelson Pike Suite 200
Nashville, TN 37214

Date Received : December 12, 2007
Description : ELMCO

ESC Sample # : L323532-03

Sample ID : HR-2

Site ID :

Collected By : Shane Parnell
Collection Date : 12/10/07 13:56

Project # : 07-ELM01-01

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	10.	mg/l	8260B	12/20/07	1000
Methylene Chloride	BDL	5.0	mg/l	8260B	12/20/07	1000
4-Methyl-2-pentanone (MIBK)	BDL	10.	mg/l	8260B	12/20/07	1000
Methyl tert-butyl ether	BDL	1.0	mg/l	8260B	12/20/07	1000
Naphthalene	BDL	5.0	mg/l	8260B	12/20/07	1000
n-Propylbenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
Styrene	BDL	1.0	mg/l	8260B	12/20/07	1000
1,1,1,2-Tetrachloroethane	BDL	1.0	mg/l	8260B	12/20/07	1000
1,1,2,2-Tetrachloroethane	BDL	1.0	mg/l	8260B	12/20/07	1000
1,1,2-Trichloro-1,2,2-trifluoro	BDL	1.0	mg/l	8260B	12/20/07	1000
Tetrachloroethene	BDL	1.0	mg/l	8260B	12/20/07	1000
Toluene	160	5.0	mg/l	8260B	12/20/07	1000
1,2,3-Trichlorobenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
1,2,4-Trichlorobenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
1,1,1-Trichloroethane	BDL	1.0	mg/l	8260B	12/20/07	1000
1,1,2-Trichloroethane	BDL	1.0	mg/l	8260B	12/20/07	1000
Trichloroethene	BDL	1.0	mg/l	8260B	12/20/07	1000
Trichlorofluoromethane	BDL	5.0	mg/l	8260B	12/20/07	1000
1,2,3-Trichloropropane	BDL	1.0	mg/l	8260B	12/20/07	1000
1,2,4-Trimethylbenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
1,2,3-Trimethylbenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
1,3,5-Trimethylbenzene	BDL	1.0	mg/l	8260B	12/20/07	1000
Vinyl chloride	BDL	1.0	mg/l	8260B	12/20/07	1000
Xylenes, Total	BDL	3.0	mg/l	8260B	12/20/07	1000
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	12/20/07	1000
Dibromofluoromethane	105.		% Rec.	8260B	12/20/07	1000
4-Bromofluorobenzene	101.		% Rec.	8260B	12/20/07	1000

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 12/20/07 18:09 Revised: 12/21/07 10:02

L323532-03 (V8260) - Target compounds too high to run at a lower dilution.



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REPORT OF ANALYSIS

December 21, 2007

Chris Scott
TriAD Environmental Consultants
207 Donelson Pike Suite 200
Nashville, TN 37214

Date Received : December 12, 2007
Description : ELMCO
Sample ID : WATERGATE
Collected By : Shane Parnell
Collection Date : 12/10/07 13:25

ESC Sample # : L323532-04
Site ID :
Project # : 07-ELM01-01

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	1.2	mg/l	8260B	12/19/07	25
Acrolein	BDL	1.2	mg/l	8260B	12/19/07	25
Acrylonitrile	BDL	0.25	mg/l	8260B	12/19/07	25
Benzene	BDL	0.025	mg/l	8260B	12/19/07	25
Bromobenzene	BDL	0.025	mg/l	8260B	12/19/07	25
Bromodichloromethane	BDL	0.025	mg/l	8260B	12/19/07	25
Bromoform	BDL	0.025	mg/l	8260B	12/19/07	25
Bromomethane	BDL	0.12	mg/l	8260B	12/19/07	25
n-Butylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
sec-Butylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
tert-Butylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
Carbon tetrachloride	BDL	0.025	mg/l	8260B	12/19/07	25
Chlorobenzene	BDL	0.025	mg/l	8260B	12/19/07	25
Chlorodibromomethane	BDL	0.025	mg/l	8260B	12/19/07	25
Chloroethane	BDL	0.12	mg/l	8260B	12/19/07	25
2-Chloroethyl vinyl ether	BDL	1.2	mg/l	8260B	12/19/07	25
Chloroform	BDL	0.12	mg/l	8260B	12/19/07	25
Chloromethane	BDL	0.062	mg/l	8260B	12/19/07	25
2-Chlorotoluene	BDL	0.025	mg/l	8260B	12/19/07	25
4-Chlorotoluene	BDL	0.025	mg/l	8260B	12/19/07	25
1,2-Dibromo-3-Chloropropane	BDL	0.12	mg/l	8260B	12/19/07	25
1,2-Dibromoethane	BDL	0.025	mg/l	8260B	12/19/07	25
Dibromomethane	BDL	0.025	mg/l	8260B	12/19/07	25
1,2-Dichlorobenzene	BDL	0.025	mg/l	8260B	12/19/07	25
1,3-Dichlorobenzene	BDL	0.025	mg/l	8260B	12/19/07	25
1,4-Dichlorobenzene	BDL	0.025	mg/l	8260B	12/19/07	25
Dichlorodifluoromethane	BDL	0.12	mg/l	8260B	12/19/07	25
1,1-Dichloroethane	BDL	0.025	mg/l	8260B	12/19/07	25
1,2-Dichloroethane	BDL	0.025	mg/l	8260B	12/19/07	25
1,1-Dichloroethene	BDL	0.025	mg/l	8260B	12/19/07	25
cis-1,2-Dichloroethene	BDL	0.025	mg/l	8260B	12/19/07	25
trans-1,2-Dichloroethene	BDL	0.025	mg/l	8260B	12/19/07	25
1,2-Dichloropropane	BDL	0.025	mg/l	8260B	12/19/07	25
1,1-Dichloropropene	BDL	0.025	mg/l	8260B	12/19/07	25
1,3-Dichloropropene	BDL	0.025	mg/l	8260B	12/19/07	25
cis-1,3-Dichloropropene	BDL	0.025	mg/l	8260B	12/19/07	25
trans-1,3-Dichloropropene	BDL	0.025	mg/l	8260B	12/19/07	25
2,2-Dichloropropane	BDL	0.025	mg/l	8260B	12/19/07	25
Di-isopropyl ether	BDL	0.025	mg/l	8260B	12/19/07	25
Ethylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
Hexachlorobutadiene	BDL	0.025	mg/l	8260B	12/19/07	25
Isopropylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
p-Isopropyltoluene	BDL	0.025	mg/l	8260B	12/19/07	25

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

L323532-04 (V8260) - Target compounds too high to run at a lower dilution.



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REPORT OF ANALYSIS

December 21, 2007

Chris Scott
TriAD Environmental Consultants
207 Donelson Pike Suite 200
Nashville, TN 37214

Date Received : December 12, 2007
Description : ELMCO

ESC Sample # : L323532-04

Sample ID : WATERGATE

Site ID :

Collected By : Shane Parnell
Collection Date : 12/10/07 13:25

Project # : 07-ELM01-01

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.25	mg/l	8260B	12/19/07	25
Methylene Chloride	BDL	0.12	mg/l	8260B	12/19/07	25
4-Methyl-2-pentanone (MIBK)	BDL	0.25	mg/l	8260B	12/19/07	25
Methyl tert-butyl ether	BDL	0.025	mg/l	8260B	12/19/07	25
Naphthalene	BDL	0.12	mg/l	8260B	12/19/07	25
n-Propylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
Styrene	BDL	0.025	mg/l	8260B	12/19/07	25
1,1,1,2-Tetrachloroethane	BDL	0.025	mg/l	8260B	12/19/07	25
1,1,2,2-Tetrachloroethane	BDL	0.025	mg/l	8260B	12/19/07	25
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.025	mg/l	8260B	12/19/07	25
Tetrachloroethene	BDL	0.025	mg/l	8260B	12/19/07	25
Toluene	4.2	0.12	mg/l	8260B	12/19/07	25
1,2,3-Trichlorobenzene	BDL	0.025	mg/l	8260B	12/19/07	25
1,2,4-Trichlorobenzene	BDL	0.025	mg/l	8260B	12/19/07	25
1,1,1-Trichloroethane	BDL	0.025	mg/l	8260B	12/19/07	25
1,1,2-Trichloroethane	BDL	0.025	mg/l	8260B	12/19/07	25
Trichloroethene	BDL	0.025	mg/l	8260B	12/19/07	25
Trichlorofluoromethane	BDL	0.12	mg/l	8260B	12/19/07	25
1,2,3-Trichloroproppane	BDL	0.025	mg/l	8260B	12/19/07	25
1,2,4-Trimethylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
1,2,3-Trimethylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
1,3,5-Trimethylbenzene	BDL	0.025	mg/l	8260B	12/19/07	25
Vinyl chloride	BDL	0.025	mg/l	8260B	12/19/07	25
Xylenes, Total	BDL	0.075	mg/l	8260B	12/19/07	25
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	12/19/07	25
Dibromofluoromethane	107.		% Rec.	8260B	12/19/07	25
4-Bromofluorobenzene	100.		% Rec.	8260B	12/19/07	25

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 12/20/07 18:09 Revised: 12/21/07 10:02

L323532-04 (V8260) - Target compounds too high to run at a lower dilution.

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L323532-03	Acetone	J6
	Acrolein	J4
	Bromobenzene	J6
	Bromoform	J6
	Bromomethane	J4
	tert-Butylbenzene	J6
	Chlorobenzene	J6
	Chlorodibromomethane	J6
	2-Chloroethyl vinyl ether	J3
	Chloroform	J6
	4-Chlorotoluene	J6
	1,2-Dibromoethane	J6
	Dibromomethane	J6
	1,2-Dichlorobenzene	J6
	1,1-Dichloroethane	J6
	1,2-Dichloroethane	J6
	1,1-Dichloroethene	J6
	cis-1,2-Dichloroethene	J6
	trans-1,2-Dichloroethene	J6
	1,2-Dichloropropane	J6
	1,1-Dichloropropene	J6
	1,3-Dichloropropane	J6
	cis-1,3-Dichloropropene	J6
	trans-1,3-Dichloropropene	J6
	2,2-Dichloropropane	J6
	Ethylbenzene	J6
	Isopropylbenzene	J6
	2-Butanone (MEK)	J6
	Methyl tert-butyl ether	J6
	Naphthalene	J6
	n-Propylbenzene	J6
	1,1,2,2-Tetrachloroethane	J6
	1,1,2-Trichloro-1,2,2-trifluoroethane	J6
	Tetrachloroethene	J6
	Toluene	J6
	1,1,1-Trichloroethane	J6
	1,1,2-Trichloroethane	J6
	Trichloroethene	J6
	1,2,3-Trichloropropane	J6

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
12/21/07 at 10:02:45

TSR Signing Reports: 064
R5 - Desired TAT

Chromatograms needed for all EPH analysis. In 4/17/02 Client needs 2 ltrs and 4 vials for GW.
In 1/22/02.

Sample: L323532-01 Account: TRIADENV Received: 12/12/07 08:50 Due Date: 12/18/07 00:00 RPT Date: 12/20/07 18:09

Sample: L323532-02 Account: TRIADENV Received: 12/12/07 08:50 Due Date: 12/18/07 00:00 RPT Date: 12/20/07 18:09

Sample: L323532-03 Account: TRIADENV Received: 12/12/07 08:50 Due Date: 12/18/07 00:00 RPT Date: 12/20/07 18:09

Sample: L323532-04 Account: TRIADENV Received: 12/12/07 08:50 Due Date: 12/18/07 00:00 RPT Date: 12/20/07 18:09

